

## Calculators

Candidates are permitted to bring in scientific calculators that are non-programmable and non-graphing without memory storage. Candidates are not to bring any external devices (peripherals) to support calculators, such as manuals, printed or electronic cards, printers, memory expansion chips or cards. Loose batteries (no packaging) are permitted in the examination room.

Candidates are advised that calculators will be inspected by proctors prior to the start of the examination. The calculator must then remain in full view on the candidate's desk for proctors to continue to inspect periodically throughout the duration of the examination.

The use of programmable calculators is not permitted. The only equipment allowed is that which has been authorized by both the Measure Learning and ASET. If a candidate attempts to bring a non-approved calculator into the exam room, the candidate must forfeit the calculator to the proctor for the duration of the examination and retrieve this upon completion of the exam.

The term "programmable" includes any calculator that can store a sequence of keystrokes that can be retrieved after the calculator is turned off or powers itself off.

Calculators with any of the following mathematical features are prohibited:

- i. graph plotting
- ii. equation solving
- iii. symbolic algebraic manipulation
- iv. numerical integration
- v. numerical differentiation
- vi. matrix calculations

Calculators with any of the following general features are prohibited:

- i. data banks
- ii. dictionaries
- iii. language translators
- iv. text retrieval
- v. capability of remote communication
- vi. multi-line playback or calculator history
- vii. formula memory, definable memory or CALC memory

The list provided below identifies a sample set of calculators permitted or not permitted for the examination. This is not an exhaustive list as all scientific calculators must be checked and approved prior to the examination. Please email ASET at [registration@aset.ab.ca](mailto:registration@aset.ab.ca) with the model number and brand of calculator for pre-approval prior to the examination date scheduled.

**It is the candidate's responsibility to ensure that the calculator they are intending to bring for the examination is permitted.**

## Approved Calculators

Candidates are **permitted** to use the following calculators during the exam:

### CASIO

CASIO FC 100V	CASIO FX SOLAR	CASIO FX 85 WA	CASIO FX 300 MS
CASIO FC 200V	CASIO FX 83 MS	CASIO 250 HC	CASIO 300 W
CASIO FX 82 MS	CASIO FX 85 B	CASIO FX 260 SOLAR	CASIO 350 MS
CASIO FX 82 SX	CASIO FX 85 MS	CASIO FX 270 MS	CASIO FX-300MS Plus (2 <sup>nd</sup> Edition)
CASIO FX 82 SX PLUS	CASIO FX 85 W	CASIO FX 280	CASIO FX 350 TL
CASIO FX 260 Solar II			

### SHARP

SHARP EL 344 RB	SHARP EL 510R	SHARP EL 738 F	SHARP EL 501 XBGR
SHARP EL 510 RTB	SHARP EL 738 FC	SHARP EL 501 X	SHARP EL 733 A
SHARP EL 738 S	SHARP EL 509 X	SHARP EL 738	SHARP EL 792 C
SHARP EL 510 RN	SHARP EL 738 C		

### TEXAS INSTRUMENTS

TI 30	TI 30 XA	TI BA 35	TI BA II+
TI-30X	TI 30 XA Solar	TI BA II	TI 35 II
TI 30 X IIB	TI 36 X Solar	TI BA II Plus Pro	TI 30XS
TI 30 X IIS	TI 34 II		

### OTHER

HP 10 B	CANON F-502	HP 10 BII	Buffalo 2559
HP 10 BII+			

Independent or Basic Memory – APPROVED

Answer Memory – APPROVED

Variables – APPROVED

## Non-Approved Calculators

The candidates are **not permitted** to use the following calculators during the exam:

### CASIO

CASIO CFX 9850 GC	CASIO FX 300 ES	CASIO CLASS Pad 300	CASIO FX 95 ES PLUS
CASIO FX 300 ES PLUS	CASIO FX 991 ES PLUS	CASIO FX 82 ES	CASIO FX 100 MS
CASIO FX 350 ES	CASIO FX 991 MS	CASIO FX 82 ES PLUS	CASIO FX 100 W *
CASIO FX 350 ES PLUS	CASIO FX 991 W *	CASIO FX-82LB	CASIO FX 115 ES
CASIO FX 7400 G	CASIO FX 115 ES PLUS	CASIO FX 500 ES	CASIO FX 9750 G
CASIO FX 83 ES	CASIO FX 115 MS	CASIO FX 570 ES	CASIO FX 9750 GII
CASIO FX 85 ES	CASIO FX 115 W *	CASIO FX 570 MS	CASIO FX 85 ES PLUS
CASIO FX 200 PLUS	CASIO FX 570 W *		

### SHARP

SHARP CS Series	SHARP EL 546 W	SHARP EL W 516 X *	SHARP EL W 535 TG *
SHARP EL 506 X *	SHARP EL 9600 C	SHARP EL 531 W	SHARP QC Series
SHARP EL 520 X *	SHARP EL 9900 C	SHARP EL 531 X	SHARP VX Series
SHARP EL520W	SHARP EL W 506 X *	SHARP EL 531 XG	SHARP EL 546 X *
SHARP EL W 516 T *	SHARP EL 531 XH		

### TEXAS INSTRUMENTS

TI 30 X PRO	TI 73	TI 83	TI 89
TI 36 X PRO	TI 82	TI 84	TI Voyage 200

### OTHER

Media H.S.SC1000	HP 17 BII	HP 19 BII	HP 40 G
HP 9 G	HP 17 BII+	HP 33 S	HP 33 S
HP 12 C	HP 19 B	HP 38 G	HP 49 G

Multi-Line Playback / Calculator History – NOT APPROVED

\*Formula Memory, Definable Memory or CALC Memory – NOT APPROVED